

IFW



Atty. Docket No.: 9409/2113B

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Communi, et al.
Serial No.: 10/811,198
Filed: March 26, 2004
Entitled: P2Y4 Antibody and Methods of Use

Examiner: Not Yet Assigned

Group Art Unit: 1645

Conf. No.: 2940

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449; and
3. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 9409/2113B. A duplicate of this transmittal letter is enclosed for this purpose.

Date:

9/20/04

Respectfully submitted,

Name: Kathleen M. Williams
Registration No.: 34,380
Customer No.: 29933
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100



Atty. Docket No.: 9409/2113B

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Communi, et al.
Serial No.: 10/811,198
Filed: March 26, 2004
Entitled: P2Y4 Antibody and Methods of Use

Examiner: Not Yet Assigned
Group Art Unit: 1645
Conf. No.: 2940

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents is also enclosed. All references listed on the attached Form PTO-1449 were submitted to the United States Patent and Trademark Office in the parent application, U.S. Serial No. 09/077,173. Therefore, no copies of the references are enclosed.

Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Date: 8/20/04

Respectfully submitted,

Name: Kathleen M. Williams

Registration No.: 34,380

Customer No.: 29933

Palmer & Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100



USPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT				Attorney Docket No. 9409/2113B		Serial No. 10/811,198		
				Applicant(s): Communi et al.				
				Filing Date: March 26, 2004		Group: 1645		
U.S. PATENT DOCUMENTS								
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation	
							YES	NO
		WO 95/10538	04/20/95	PCT				
		WO 96/38558	12/05/96	PCT				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)								
	A	Barnard, t al., "G protein-coupled receptors for ATP and other nucleotides: a new receptor family," TiPS 15:67-70 (1994)						
	B	Boarder, et al., "G protein-coupled P ₂ purinoceptors: from molecular biology to functional responses," TiPS 16:133-139 (1995)						
	C	Boyer, et al., "Differential effects of P ₂ -purinoceptor antagonists on phospholipase C – and adenylyl cyclase-coupled P _{2Y} -purinoceptors," Br. Pharmacol.						
	D	Brake, et al., "New structural motif for ligand-gated ion channels defined by an ionotropic ATP receptor," Nature 371:519-523 (1994)						
	E	Brown, et al., "Evidence that UPT and ATP Regulate Phospholipase C through a Common Extracellular 5' – Nucleotide Receptor in Human Airway Epithelial Cells," Molecular Pharmacology 40:648-655 (1991)						
	F	Communi, et al., "Cloning and Functional Expression of a Human Urdine Nucleotide Receptor," J. Biol. Chem. 270 (52): 30849-30852 (1995)						
	G	Communi, et al., "Co-expression of P _{2Y} and P _{2U} Receptors on Aortic Endothelial cells," Circulation Research 76(2):191-198 (1995)						

H	Devereus, et al., "A comprehensive set of sequence analysis programs for VAX Nucleic Acids Research 12(1):387-395 (1984)
I	Erb, et al., "Functional expression an photoaffinity labeling of a cloned P _{2U} purinergic receptor," Proc. Natl. Acad. Sci. USA 90:10449-10453 (1993)
J	Erb, et al., "Site-directed Mutagenesis of P _{2U} Purinoceptors," J. Biol.Chem. 270(9): 4185-4188 (1995)
K	Filtz, et al., Expression of a Cloned P _{2Y} Purinergic Receptor that Couples to Phospholipase C Molecular Pharacology 46:4-14 (1994)
L	Fredholm, et al., "VI. Nomenclature an Classification of Purinoceptors," Pharmacological Reviews 46(2):143-156
M	Harrison, et al., "cDNA cloning of a G-protein-coupled receptor expressed in rat spinal cord and brain related to chemokine receptors," Neuroscience Letters 169:85-89 (1994)
N	Henderson et al., "Cloning and Characterization of a Bovine P _{2Y} Receptor Biochem. and Biochem. and Biophys. Research Comm.," 212(2):648-656 (1995)
O	Kaplan, et al., "Identification of a G Protein Coupled Receptor Induced in Activated T Cells," J. Immun. 151(2):628-636 (1993)
P	Lazarowski, et al., "Identification of a Uridine Nucleotide-selective G-protein-linked Receptor That Activates Phospholipase C," J. Biol. Chem. 269(16):11830-11836 (1994)
Q	Libert, et al., "Selective Amplification and Cloning of four New Members of the G Protein-Coupled Receptor Family," Science 244:569-572 (1989)
R	Lustig, et al., "xpression cloning of an ATP receptor from mouse neuroblastoma cells Proc.," Natl. Acad. Sci. USA 90:5113-5117 (1993)
S	Motte, et al., "Evidence that most High-affinity ATP binding sites on aortic endothelial cells and membranes do not correspond to P ₂ receptors," Eur. J. Pharm. 307:201-209
T	Nomura, et al., "Molecular cloning of cDNAs encoding a LD78 receptor and putative leukocyte chemotactic peptide receptors," International Immun. 5(10):1239-1249 (1993)
U	O'Connor, et al., "Further subclasification of ATP receptors based on agonist studies," Tips 12:137-141 (1991)
V	Parr, et al., "Cloning and expression of a human P _{2U} nucleotide receptor, a target for cystic fibrosis pharmacotherapy," Proc. Natl. Acad. Sci. USA 91:3275-3279 (1994)
W	Rice, et al., "Cloning and Expression of the Alvoler Type Ii Cell P _{2U} -Purinergic Receptor," Am. J. Respir. cell Mol. Biol. 12:27-32 (1995)
X	Seifert, et al., "Involvement of pyrimidinoceptors in the regulation of cell functions by uridine and by uracil nucleotides," TiPS 10:365-369 (1989)
Y	Stam, et al., "Molecular cloning and characterization of a novel orphan receptor (P _{2P}) expressed in human pancreas that shows high structural homology to the P _{2U} purinoceptor," FEBS Letters 384:260-264 (1996)
Z	Tokuyama, et al., "Cloning of Rat and Mouse P _{2Y} Purinoceptors Biochem. and Biophys.," Research Comm. 211(1):211-218 (1995)
AA	Valera, et al, "A new class of ligand-gated ion channel defined by P ₂ /X receptor for extracellular ATP," Nature 371:516-519 (1994)
BB	Velu, et al., "Retroviruses Expressing Different LEvels of the Normal Epidermal Growth Factor

		Receptor: Biological Properties and new Biossay," J.Cell. Biochem. 39:153-166 (1989)	
	CC	Webb, et al., "Cloning and functional expresion of a brain G-protein-coupled ATP receptor," FEBS Letters 324(2):219-225 (1993)	
	DD	Zeng, et al., "Molecular characterization of a rat α 28-adrenergic receptor," Proc. Natl. Acad. Sci. USA 87:3102-3105 (1990)	
EXAMINER		DATE CONSIDERED	
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p> <p>**Copies of references not provided at the time of this submission.</p>			